

BITSADZE, A.V.; MARKUSHEVICH, A.I.; SHABAT, B.V.

Mikhail Alekseevich Lavrent'ev; on his 60th birthday. Usp. mat.  
nauk 16 no.4:211-221 Jl-Ag '61. (MIR 14:8)  
(Lavrent'ev, Mikhail Alekseevich, 1900-)

BITSADZE, A.V.

A three-dimensional analogue of Tricomi's problem. Sib.  
mat. zhur. 3 no.5:642-644 S-0 '62. (MIRA 15:9)  
(Differential equations, Partial)

BITSADZE, A.V.

Mixed type equations in three-dimensional regions. Dokl. AN SSSR  
143 no.5:1017-1019 Ap '62.  
(MIRA 15:4)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Chlen-  
korrespondent AN SSSR.  
(Functions, Continuous) (Hilbert space)

45329

16.3900

S/020/63/148/004/002/025  
B172/B180**AUTHOR:** Bitsadze, A. V., Corresponding Member AS USSR**TITLE:** A homogeneous inclined derivative problem for harmonic functions in three-dimensional domains**PERIODICAL:** Akademiya nauk SSSR. Doklady, v. 148, no. 4, 1963, 749 - 752

**TEXT:**  $D$  denotes a finite simply connected domain of the three-dimensional  $(x,y,z)$ -space, which is bounded by a Lyapunov plane  $S$ . A continuous vector field  $P = (p,q,r)$  is given on  $S$ . A function  $U(x,y,z)$  harmonic in  $D$  is sought which, together with its first derivative, is continuous up to the boundary  $S$  and satisfies the condition  $(\text{grad } U \cdot P)_g = f$  where  $f$  is a continuous function given on  $S$ . First, a review is given of the results on the two-dimensional case (Hilbert problem); then the three-dimensional case is studied for  $f \geq 0$  under the assumption that  $E$  the set of points in which the vector  $P$  is tangent to the plane  $S$ , is not empty. Zaremba's lemmas are used to derive the simple properties of the solutions  $U$  for the following cases:  $E$  consists of a single point;  $E$  consists of a finite

Card 1/2

A homogeneous inclined ...

S/020/63/148/004/002/025  
B172/B100

number of points; E is a smooth arc; E consists of a finite number of smooth arcs which do not intersect. Another theorem gives a sufficient condition for a solution U reaching neither a maximum nor a minimum in a point of E.

ASSOCIATION: Institut matematiki Sibirskego otdeleniya Akademii nauk SSSR  
(Institute of Mathematics of the Siberian Department of the Academy of Sciences USSR)

SUBMITTED: September 9, 1962

Card 2/2

S/763/61/000/000/003/013

AUTHOR: Bitsadze, A. V.

TITLE: On equations of the mixed composite type.

SOURCE: Nekotoryye problemy matematiki i mekhaniki. Novosibirsk, Izd-vo Sib. otd. AN SSSR, 1961, 47-49.

TEXT: The paper deals with the problem of equations of mixed type, that is, equations which in one part of the region of their validity are elliptical, in another part - hyperbolic. The problem is of considerable theoretical and applicational importance. If in each point of a region a differential equation with partial derivatives has both real and complex characteristics, such an equation is termed "composite." An equation which in a given region exhibits both characteristics has been termed by the author and M.S. Salakhitdinov "equations of the mixed-composite type" (Sib. matem. zh., v. II, no. 1, 1961, 79-91). The present paper investigates a number of problems relative to a model equation of the mixed-composite type  $\frac{\partial}{\partial x} T u = 0$ , where  $T$  is the Tricomi operator, and sets forth new correctly stated problems for that equation. The regularity and uniqueness of the solutions obtained is demonstrated, the proof of the existence of the solutions of the 3 problems formulated is reduced to a one-dimensional integral equation with special kernels of the Cauchy type, the

Card 1/2

On equations of the mixed composite type.

S/763/61/000/000/003/013

existence of a solution for which in turn is demonstrated on the basis of the existing theory of singular integral equations (Muskhelishvili, N. I., Singulyarnyye integral'-nyye uravneniya [Singular integral equations], Moscow-Leningrad, 1946). There are 9 references (the 2 cited Russian-language Soviet, 1 French-language and 6 English-language).

Card 2/2

BITSADZE, A.V.

Homogeneous problem of an inclined derivative for harmonic  
functions in three-dimensional regions. Dokl.AN SSSR 148  
no.4:749-752 F '63. (MIRA 16:4)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Chlen-  
korrespondent AN SSSR.  
(Harmonic functions)

ACCESSION NR: AP4030771

S/0020/64/155/004/0730/0731

AUTHOR: Bitsadze, A. V. (Corresponding member)

TITLE: On a special case of the problem of directional derivatives for harmonic functions in three-dimensional regions

SOURCE: AN SSSR. Doklady\*, v. 155, no. 4, 1964, 730-731

TOPIC TAGS: elliptic differential equation , harmonic function , partial differential equation , boundary value problem

ABSTRACT: Let  $D$  be a bounded, simply connected region in the  $(x,y,z)$  space, bounded by a Lyapunov Surface  $S$  [not defined here] and let  $\Lambda$  be the point  $(d,0,0)$ , for some constant  $a$ . The problem is to find a regular harmonic function  $U(x,y,z)$ , of class  $C^1$  in  $D + S$  and such that its direction derivative in the direction of the vector  $\Lambda P$  has a given value at each point  $P$  of  $S$ . Since the expression  $(x-a)U_x + yU_y + zU_z$  is itself a regular harmonic function in  $D$ , the problem reduces to finding a solution  $U$  of the first order linear equation

$$(x-a)U_x + yU_y + zU_z = V(x, y, z), \quad (x, y, z) \in D. \quad (2)$$

Card: 1/4

ACCESSION NR: AP4030771

which is harmonic. Here  $V(x, y, z)$  is the known harmonic function in  $D$  which takes the given boundary values  $f$  on  $S$ . Assume now that  $D$  is the ball  $D$  with boundary  $S: x^2 + y^2 + z^2 = 1$ . Case 1.  $|a| < 1$ . The problem has solutions, given by

$$U(x, y, z) = \int_0^1 V[a + t(x - a), ty, tz] t^{-1} dt + C,$$

for arbitrary constant  $C$ , if, and only if,  $f$  satisfies the condition

$$V(a, 0, 0) = \frac{1}{4\pi} \iint_S \frac{1-a^2}{(1+a^2-2a\cos\theta)^{3/2}} f ds = 0. \quad (3)$$

and if the condition is satisfied, there are no other solutions. Case 2.  $|a| > 1$ . The solution is given by

$$U(x, y, z) = \int_{a-x}^1 V[a + t(x - a), ty, tz] t^{-1} dt + \varphi(t, \eta), \quad (4)$$

where  $\varphi$  is a function of class  $C^2$  in the variables  $t = \frac{y}{x-a}$ ,  $\eta = \frac{z}{x-a}$ , which must

Card 2/4

ACCESSION NR: AP4030771

satisfy a certain elliptic second order linear equation. The solution is uniquely determined by its values along the circle ( $x^2 + y^2 = \frac{1}{|a|^2 - 1}$ ) of contact of the sphere S with the circumscribed cone of vertex A. (For the uniqueness statements, the reader is referred to earlier papers by the author.) Additional remarks: (1) The results are similar if instead of the vector  $(x-a, y, z)$ , one considers the vector  $(p, q, r)$ , where

$$p = p_0 + ax + by + cz, \quad q = q_0 - bx + ay + dz, \quad r = r_0 - cx - dy + az.$$

(2) The degree of determination of the solution depends on the Kronecker index of vector  $(p, q, r)$ . (In the case discussed here, the index is +1 if  $|a| < 1$ , 0 if  $|a| > 1$ .) This question is to be treated in a future paper. Orig. art. has: 6 equations.

ASSOCIATION: Institut matematiki Sibirskego otdeleniya AN SSSR (Institute of Mathematics with Computer Center, Siberian Division, AN SSSR)

Card 3/4

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7

ACCESSION NR: AP4030771

SUBMITTED: 03Jan64

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: MA

NO REP SOV: 001

OTHER: 001

Card

4/4

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7"

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7

TOPIC TAGS: singular integral equation, Hölder condition, partial differential  
equation, first order equation, Poisson equation

APPROVED FOR RELEASE: 06/08/2000

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205410020-7"

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CIA-RDP86-00513R000205410020-7

L 3629-65

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7"

L 6793-65 EWT(d) IIP/MARBL/ESD(dp)/RAEM(t)

ACCESSION NR AP4744962

8/08/2014 11:20:00

ABSTRACT: In the article it is shown that corresponding member AN SSSR

TITLE: The problem of inclined derivative with polynomial coefficients

SOURCE: AN SSSR. Doklady\*, v. 157, no. 6, 1964, 1273-1276.

TOPIC TAGS: partial differential equation, polynomial coefficients, existence theorem, uniqueness theorem

ABSTRACT: The problem is to find a function  $U(x)$ ,  $x \in \mathbb{R}^n$

such that it satisfies the differential equation

and the boundary condition

$$P'(y) \operatorname{grad} U(y) = f(y), \quad y \in (y_1, y_2, \dots, y_n) \in S,$$

where

L 6793-65

ACCESSION NR: AP4044869

where  $f(y)$  is the left continuous function,  $P = (P_1, \dots, P_n)$  is a specified polynomial vector in the variables  $y_1, y_2, \dots, y_n$ , and  $\text{grad}U(y)$  is defined as the limit of  $\text{grad}U(x)$  as  $x \rightarrow y$ , with  $x$  contained in  $D$ . It is shown that the problem can be reduced to a regular elliptic boundary value problem in the domain  $D$ .

$$P(x) \text{grad}U(x) = V(x),$$

the right side of which is a function which is arbitrary harmonic in  $D$ , domain  $D$ , satisfying the boundary condition  $V(x) \in H^{1/2}(D)$ . It is shown further that the problem always has a unique solution if the right side is a sufficiently smooth function. The function  $U(y)$  is a sufficient function of  $V(x)$  to guarantee a unique solution.

Card 2/3

L 6793-65

ACCESSION NR: AF4544869

DATE 10-10-86 BY 10241881

ASSOCIATION: Institut matematiki Sibirskogo otdeleniya  
Sovetskogo Akademii Nauk Matematicheskogo Instituta Sibiri

NR REF 3000

Card 3/3

BITSADZE, A.V.

A class of multidimensional singular integral equations. Dokl.  
AN SSSR 199 no.5:955-957 D '64 (MIRA 18:1)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Chlen-korrespondent AN SSSR.

BERS, Lipman; BITSADEZE, A.V., red.

[Mathematical problems of subsonic and transonic gas dynamics] Matematicheskie voprosy dozvukovoi i okolozvukovoi dinamiki. Moskva, Izd-vo inostr. lit-ry, 1961.  
208 p. (MIRA 17:4)

L 25780-66 EWT(d) IJP(c)  
ACC NR: A6016359

SOURCE CODE: UR/0020/65/164/00671218/1220

AUTHOR: Bitsadze, A. V. (Corresponding member AN SSSR)

22

ORG: Institute of Mathematics, Siberian Branch, AN SSSR (Institut matematiki  
Sibirskogo otdeleniya AN SSSR)

B

TITLE: Normally solvable elliptic boundary value problems

SOURCE: AN SSSR. Doklady, v. 164, no. 6, 1965, 1218-1220

TOPIC TAGS: boundary value problem, mathematics

ABSTRACT: In the opinion of the author one of the central questions in the theory of elliptic boundary value problems is finding tests of normal solvability. No less important is the question of establishing the degree of overdetermination or underdetermination of a particular boundary value problem. An important, but by no means decisive, factor leading to a solution of the latter question is the calculation of the index K of a Noetherian problem. Tests of Noetherianism and Fredholmianism have at present been established only for individual classes of elliptic boundary value problems. Noetherianism is violated even in the case of elliptic operators with two independent variables. A simple example of non-Noetherian problems normally solvable in the Hausdorff sense is the Dirichlet problem.

$$u_1(t) = u_2(t) = 0, \quad |t| = 1,$$

UDC: 517.946

Card 1/2

L 25760-66

ACC NR: AP6016359

$$\text{for the elliptic system } \frac{\partial^2 u_1}{\partial x^2} - \frac{\partial^2 u_1}{\partial y^2} - 2 \frac{\partial^2 u_1}{\partial x \partial y} = h_1,$$

$$2 \frac{\partial^2 u_2}{\partial x \partial y} + \frac{\partial^2 u_2}{\partial x^2} - \frac{\partial^2 u_2}{\partial y^2} = h_2,$$

where  $h_1$  and  $h_2$  are functions continuously differentiable in the circle  $D : |z| \leq 1$ . The author concludes that it is of definite scientific interest to segregate classes of elliptic systems and regions  $D$  for which the Dirichlet problem is normally solvable according to Hausdorff. Orig. art. has: 13 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 22Jul65 /

Card 2/2 CC

ACC NR: AP7007070

SOURCE CODE: UR/0020/66/168/004/0733/0734

BITSADZE, A. V., Corresponding Member of USSR Academy of Sciences (Institute of Mathematics, Siberian Branch of USSR Academy of Sciences) (Institut matematiki Sibirskogo otdeleniya AN SSSR)

Criterion for Convergence of Gradients in a Sequence of Harmonic Functions"

Doklady Akademii Nauk SSSR, Vol 168, No 4, 66, pp 733-734

TOPIC TAGS: harmonic function, function theory  
Abstract: In the classical theory of functions the following theorem has an important place: If sequence  $\{U_n(X, Y) = \operatorname{Re} F_n(z)\}$  converges uniformly to zero in the region D, and sequence  $\{v_n(X, Y) = \operatorname{Im} F_n(z)\}$  converges to 0 at a fixed point  $Z_0 \in D$ , then  $\{F_n(z)\}$  converges uniformly to 0 in any bounded closed region  $D^*$  belonging to region D.

This article is devoted to construction of a multi-dimensional analog of this theorem. The theorem proved is: If the sequence  $U_n(X, Y, Z)$ ,  $n = 1, 2, \dots$ , of regular functions harmonic in the region D of the space of variables  $x, y, z$  has the properties: a) sequence  $\{\partial U_n / \partial X\}$  converges uniformly to zero relative to the variables  $X, Y, Z$ ; b) the sequence  $\{\partial U_n / \partial Y\}$  converges uniformly to 0 in the region D relative to the variables  $Y, Z$ ; and c) the sequence  $\{\partial U_n / \partial Z\}$  converges to 0 at a fixed point of region D; for example, at the point  $(0, 0, 0)$  - then the sequence  $\{\operatorname{grad} U_n(X, Y, Z)\}$  converges uniformly to zero relative to  $X, Y$ , and  $Z$  in any bounded closed region  $D^*$  lying in region D. Orig. art. has: 1 formula. [JPES: 38,417]

UDC: 517.53:517.947.42

Card 1A SUB CODE: 12

BITSADZE, D.A., inzh.; UL'MAN, I.Ye., kand. tekhn. nauk

Effect of the thickness of the deposited layer on the fatigue  
strength of specimens during pulsation-arc hard facing.  
Mekh. i elek. sots. sel'khoz. 21 no.5:57-58 '63. (MIRA 17:1)

1. Chelyabinskij institut mekhanizatsii i elektrifikatsii  
sel'skogo khozyaystva.

BITSADZE, G.G.

Fertilizers for corn in upper Imeretia. Soob. M. Gruz. SSR 34 no. 3:  
585-590 Je '64  
(MIRA 18:1)

1. Submitted March 28, 1964.

KRAVCHENKO, A.A.; GORBACHEVA, K.M.; BOGOMOLOVA, Ye.R.; BITSADZE, L.R.

Change in the auditory function of the ear in treating hypertension  
with some medicinal substances (preliminary report). Vop. klin.  
pat. no.3:78-88 '61. (MIRA 14:12)

1. Iz Kliniki bolezhey ukh, gorla i nosa (zaveduyushchiy zasluzhennyj  
deyatel' nauki prof. I.Ya.Sen'dul'skiy) Moskovskogo oblastnogo nauchno-  
issledovatel'skogo instituta imeni M.V.Vladimirskogo.  
(HYPERTENSION) (HEARING)

BITSADZE, Z. R.

"The Blood Supply to Osteogenic Callus (Experimental-Anatomical Investigation)." Cand Med Sci, Second Moscow State Medical Inst imeni I. V. Stalin, 6 Dec 54. (VM, 24 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

TIPEY, N.[Tipei, N.]; KONSTANTINESKU, V.N.[Constantinescu, V.N.];  
NIKA, Al.[Nica, Al.]; BITSE, Ol'ga [Bita, O.]

[Sliding bearings; their design and lubrication] Pod-  
shipniki skol'zheniiia; raschet, proektirovanie, smazka.  
Bucharest, Izd-vo Akad. Rubynskoi Narodnoi Respublikи, 1964.  
457 p. Translated from the Rumanian. (MIRA 17:8)

OSTROVERKHOV, G.Ye., prof.; BITSEDZE, Z.R., kand.med.nauk

Plastic surgery of the ureter using a segment of the ileum; experimental study. Nov. khir. arkh. no.12:11-17 D '61. (MIRA 14:12)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomi zav. -  
prof. G.Ye.Ostroverkhov) 2-go Moskovskogo meditsinskogo instituta.  
(URETER-SURGERY) (ILEUM-TRANSPLANTATION)

*BITSEDZE, Z.R.*  
OSTROWIERCHOW, G.E.; *BICADZE, Z.R.*

Plastic surgery of the ureter. Polski przegl. chir. 34 no.6a:597-  
604 '62.

1. Z katedry chirurgii operacyjnej i anatomii topograficznej II  
Moskiewskiego Państwowego Instytutu Medycznego im. N.I. Pirogowa  
Kierownik: prof. dr G.E.Ostrowierchow.  
(URETERS surg)

BITSADZE, Z.R., kand.med.nauk; PYATNITSKIY, N.N., dotsent

Results of plastic surgery of the ureter using the tuba uterina,  
experimental study. Urologia no.3:35-39 '62. (MIRA 15:5)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii  
(zav. - prof. G.Ye. Ostroverkhov) i kafedry patologicheskoy  
anatomii (zav. - prof. I.V. Davydovskiy) II Moskovskogo meditsin-  
skogo instituta imeni N.I. Pirogova.  
(URETEROPLASTY) (FALLOPIAN TUBES—TRANSPLANTATION)

4																																					
CARBON STEELS																																					
PROCESSES AND PROPERTIES INDEX																																					
<p><i>Car</i></p> <p>Melting high-alloy steel in an electric furnace. A. S. Bitneko. Ural. Metallurg 1939, No. 2, 40; Khim. Referat. Zhur. 1939, No. 7, 46.—The steel (Cr 17-19, Ni 7.5-9.5, C up to 0.14, Si 0.00, Mn 0.70, S 0.03, P 0.03, and Ti 0.8%) is used for app. subjected to HNO<sub>3</sub>. The lime which is used must be freshly burnt and in lumps. The furnace charge is: ferromanganese (45-75% Si), metallic Mn (or ferromanganese contg. less than 0.3% of C), Ni cubes, and ferro-Ti (contg. little C). The Mn content of</p> <p>the bath is kept up to a concn. of not less than 0.20-0.25% during the whole initial period of melting by periodic addns. of ferromanganese. After the min. content of C is reached, the slag is removed. Then half the ferro-Si is added to the metal bath and all of the Mn, lime and charotte which are required for the final compn. of the metal. A metal sample is taken when the slag reaches fairly liquid consistency. Then preheated ferro-Cr is added after the furnace has reached the right temp. During the addn. of the ferro-Cr the slag is deoxidized with lime, ferromanganese and Al. The tap hole is 3 cm. in diam. W. R. Henn</p>																																					
AISI-114 METALLURGICAL LITERATURE CLASSIFICATION																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">188000-191000</th> <th colspan="2" style="text-align: center;">188000-191000</th> <th colspan="2" style="text-align: right;">188000-191000</th> </tr> <tr> <th colspan="2" style="text-align: left;">188000-191000</th> <th colspan="2" style="text-align: center;">188000-191000</th> <th colspan="2" style="text-align: right;">188000-191000</th> </tr> <tr> <th colspan="2" style="text-align: left;">188000-191000</th> <th colspan="2" style="text-align: center;">188000-191000</th> <th colspan="2" style="text-align: right;">188000-191000</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">188000-191000</td> </tr> <tr> <td style="text-align: left;">188000-191000</td> </tr> <tr> <td style="text-align: left;">188000-191000</td> </tr> </tbody> </table>		188000-191000		188000-191000		188000-191000		188000-191000		188000-191000		188000-191000		188000-191000		188000-191000		188000-191000		188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000	188000-191000
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BITSIENO, K.H., GRAMMEL, R.; PEREL'MAN, Ya.I. [translator]; LUR'YE, A.I.,  
redaktor; CHEKMAROV, A.I.; VOLCHOV, K.M., tekhnicheskiy redaktor.

[Engineering dynamics] Tekhnicheskaya dinamika. Pod red. A.I.  
Lur'ye. Perevod s nemetskogo I.A.I. Perel'mana. Moskva, Gos. izd-  
vo tekhniko-teoret. lit-ry. Vol.2. 1952. 630 p. [Microfilm]  
(Dynamics) (Mechanical engineering)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7

BITSILLI, Vladimir Mikhaylovich

Deceased

(August 17, 1959)

Meteorology - Hydrology

See ILC

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7"

BITSIN, L. V.

USSR / Forestry. Forest Management.

K

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29562.

Author : Naumenko, I. M., Bitsin, L. V.  
Inst : Not given.

Title : The Age Structure, Formation, Growth Process and  
Productivity of Old-Age Beech Plantings in the  
Crimean National Preserve.  
(Vozrastnaya struktura, stroyeniye, khod rosta  
i produktivnost' starovozrastnykh bukovykh nas-  
azhdeniy Krymskogo gosudarstvennogo zapovednika).

Orig Pub: Tr. Krymsk. gos. zapovedn., 1957, 4, 7-29.

Abstract: No abstract.

Card 1/1

BITSIN, L. V. Cand Agr Sci -- (diss) "The Structure, growth, and productivity  
of old beech plant<sup>ings</sup> <sup>the</sup> of the Crimea and ~~North~~ Caucasus." Minsk, 1958.  
19 pp (Min of Higher Education USSR. Belorussian Forestry Engineering Inst),  
100 copies (KL, 13-58, 98)

BITSIN, Leonid Vasil'yevich; PETROV, T.K., red.

[Structure and productivity of mountain forests]  
"Stroenie i produktivnost' gornykh lesov." Moskva,  
Lesnaia Promyshlennost', 1965. 127 p. (MIRA 18:10)

K-4

"USSR / Forestry. Forest Management.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72804.

Author : Naumenko, I. M.; Bitsin, L. V.; Karlin, V. R.

Inst : Not given.  
Title : Condition, Structural Age and Productivity of Old Beech Plantations of Northern Caucasus.

Orig Pub: Lesn. kh-vo, 1958, No 1, 10-16.

**Abstract:** In cooperation with the Southeastern Airphoto-Forest Management Trust, observations were conducted in the leskhozes of Northern Osetia, Kabardin ASSR, and Krasnodarsk Kray. The beech plantations are located at a height of 600-1000 m above sea level, and have a stock of 100-600 m<sup>3</sup>/ha. The most widespread are the polypodiaceae beechs (on the slopes) and the azalea-bilberry beechs (on the summits of the ranges). Beech plantations are characterized

Card 1/3

USSR / Forestry. Forest Management.

K-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72804.

**Abstract:** by many stages. In the first stage, the eastern beech is mixed somewhat with hornbean, maple, elm; in the second - with wych elm, common hornbean. The timber stands are noted for age variety and absence of uniform spread of trunks as regards degree of thickness and height. The age of the beech in the first stage is 81-380, in the second 21-220 years. The first stage comprises 95% in stock and 45% in pure trunks of the total plantation. The authors propose dividing the old beech plantations into three generations, trees of 221 years and older belong to the first; 141-220 to the second; 61-140 years to the third. The empirical dependence of the age of the beech on the limiting diameter can be expressed by the equation  $A = 4d + \pm 20 n$ , where A = the age in years, d = the limiting

Card 2/3

21

USSR / Forestry. Forest Management.

K-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72804.

**Abstract:** diameter in cm,  $n =$  the number of classes of age from 0 to 3. Even at 300-350 years, the beech has a strong capacity for growth. Trees originally retarded, at the over mature age overtake in growth specimens with a short beginning period of retardation. -- V. Antanaytis.

Card 3/3

COUNTRY	:	USSR
CATEGORY	:	Forestry. Forest Management
ABS. JOUR.	:	RZhBiol., No. 2, 1959, No. 6165
AUTHOR	:	<u>Bitsin, I.V.</u>
INST.	:	
TITLE	:	Productivity of Old Oak Plantations of Northern Kavkaz and Crimea.
CRIG. PUB.	:	St. rabot po l-sn. kh-vu Sev. Kavkaza. Vyp. 3, Maykop, 1958, 38-53
ABSTRACT	:	By investigations in Digorsk and Chernigovsk in leskhозes of Northern Kavkaz and in Crimean State National Forest it was established that the oak plantations here were of various ages (oak age 61 - 420 years); One structure was distinguished in them, and it consisted of 95% of the total resources of the plantation. On the basis of the mathematical and graphical elaboration of the obtained material productiv- ity tables of old oak plantations were formed
Card:	:	1/2

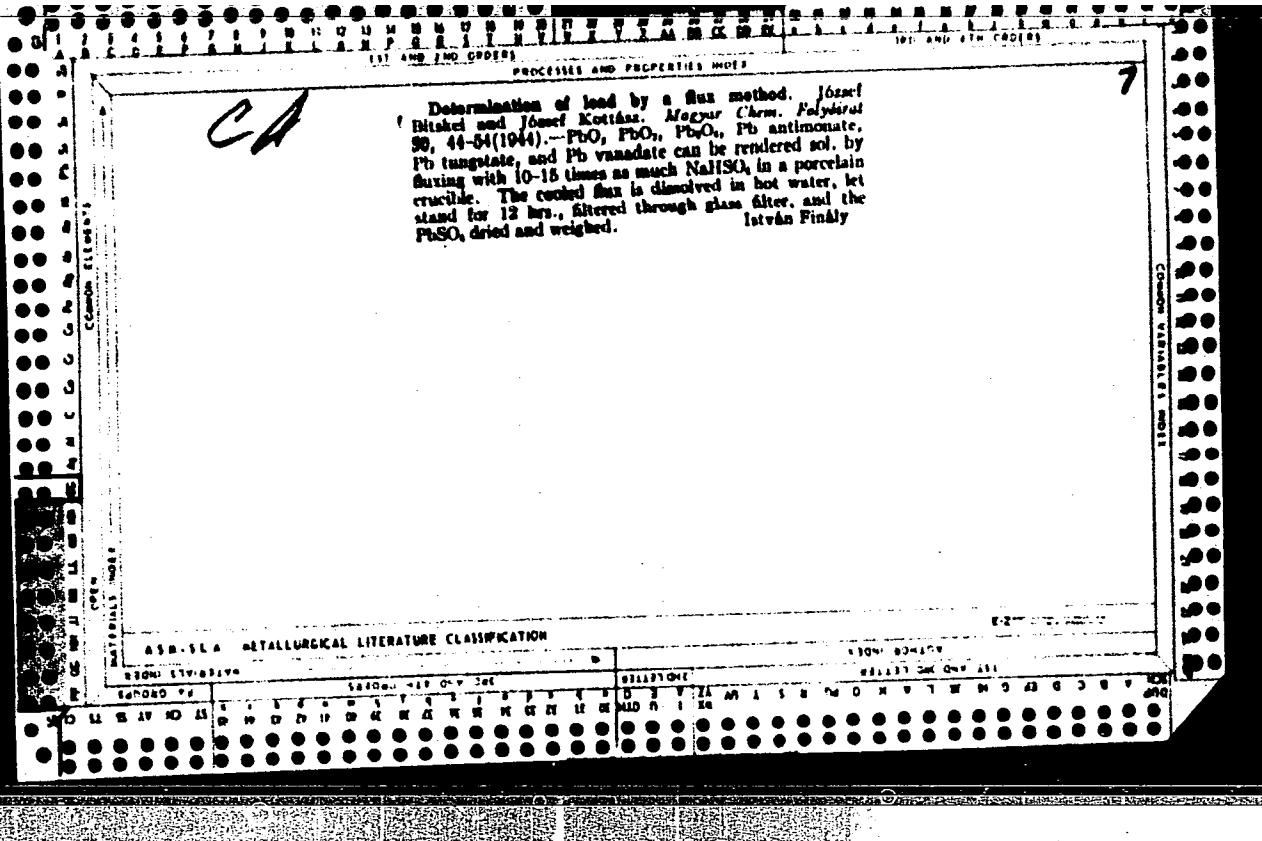
COUNTRY :	
CATEGORY :	
ARS. JOUR. :	RZhBiol., №. 2, 1959, №. 6163
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT :	(presented). It is noted that the author's tables illustrate the structure and productivity of old plantations of all of Kavkaz and Crimea. The tables can be used for assessment of the plantations and for management of forest economy enterprises. -- V.I. Klimov

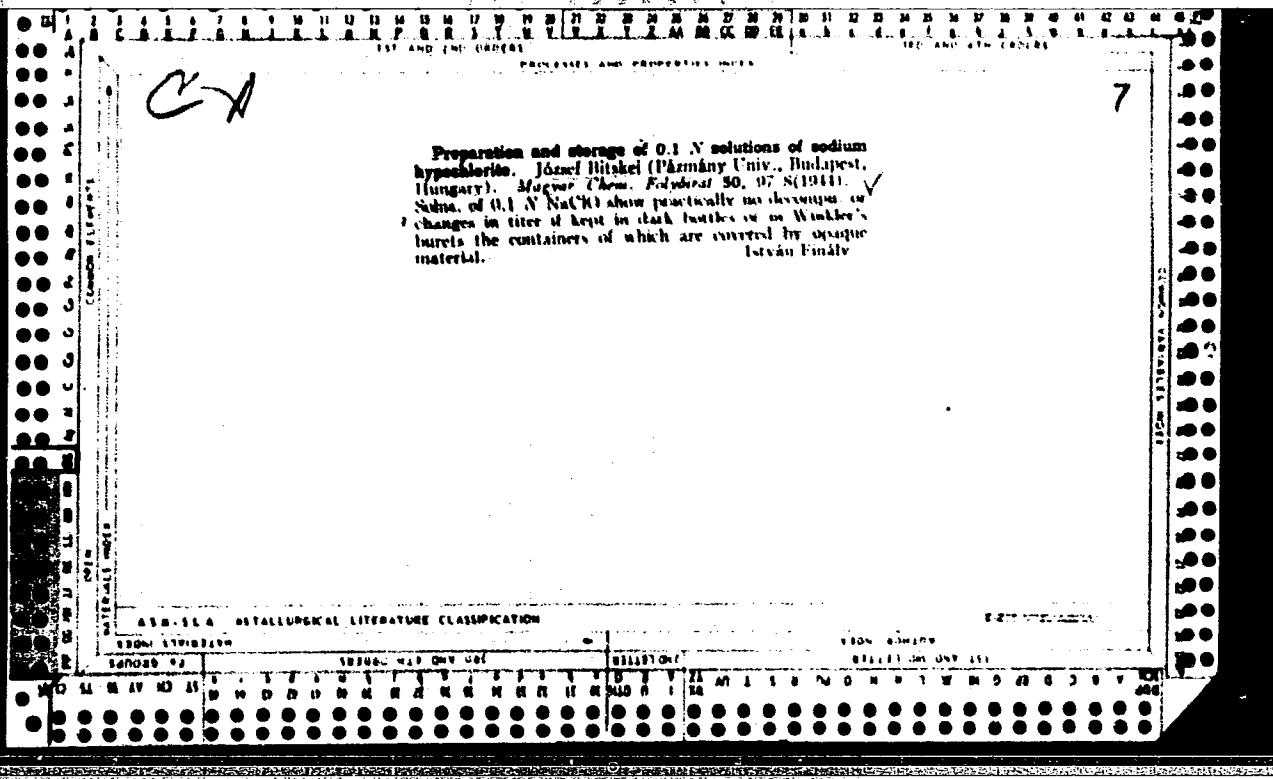
Card: 2/2

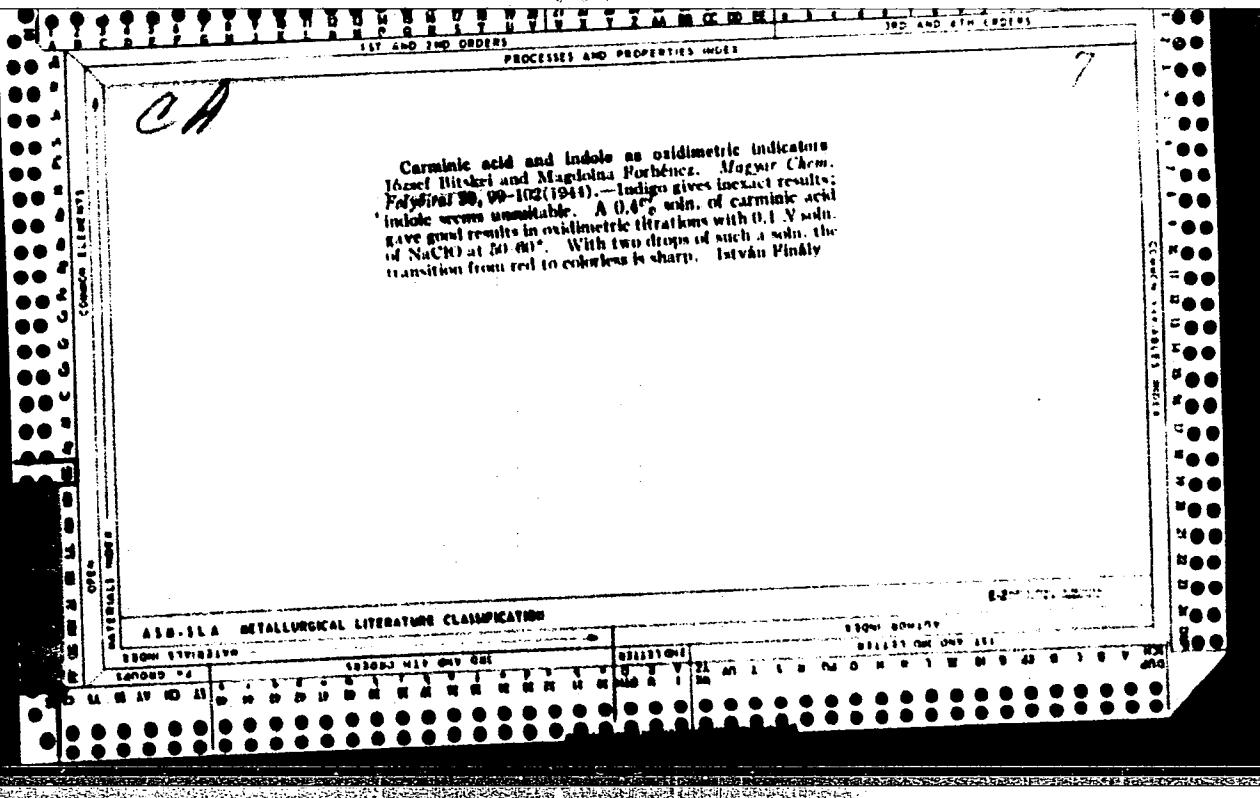
BULGAKOVA, T.I.; BITSIYEVA, I.P.; MIKHAYLOV, V.M.

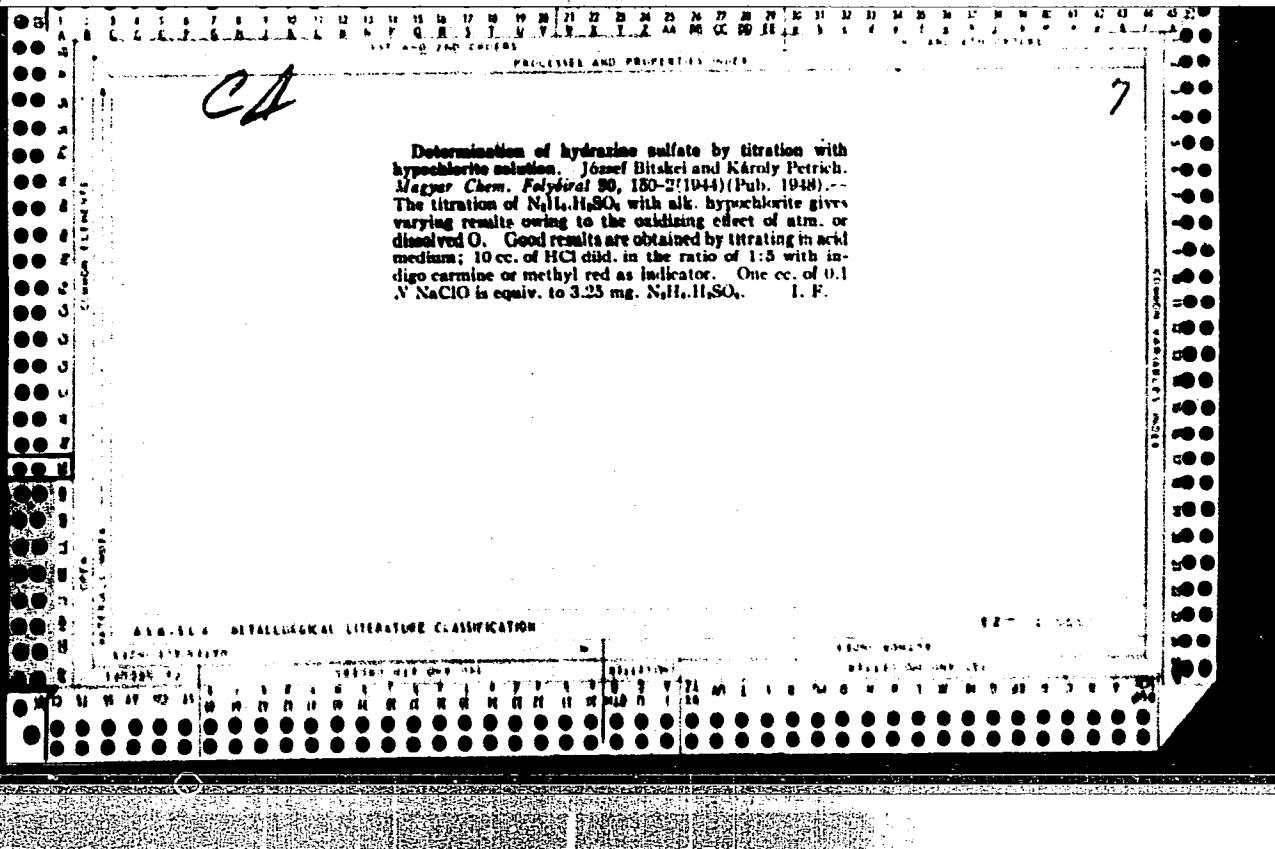
Study of nickel and zinc ferrite mixtures. Vest. Mosk. un. Ser. mat., mekh., astron., fiz. khim., 12 no.5:199-204 '57. (MIRA 11:9)

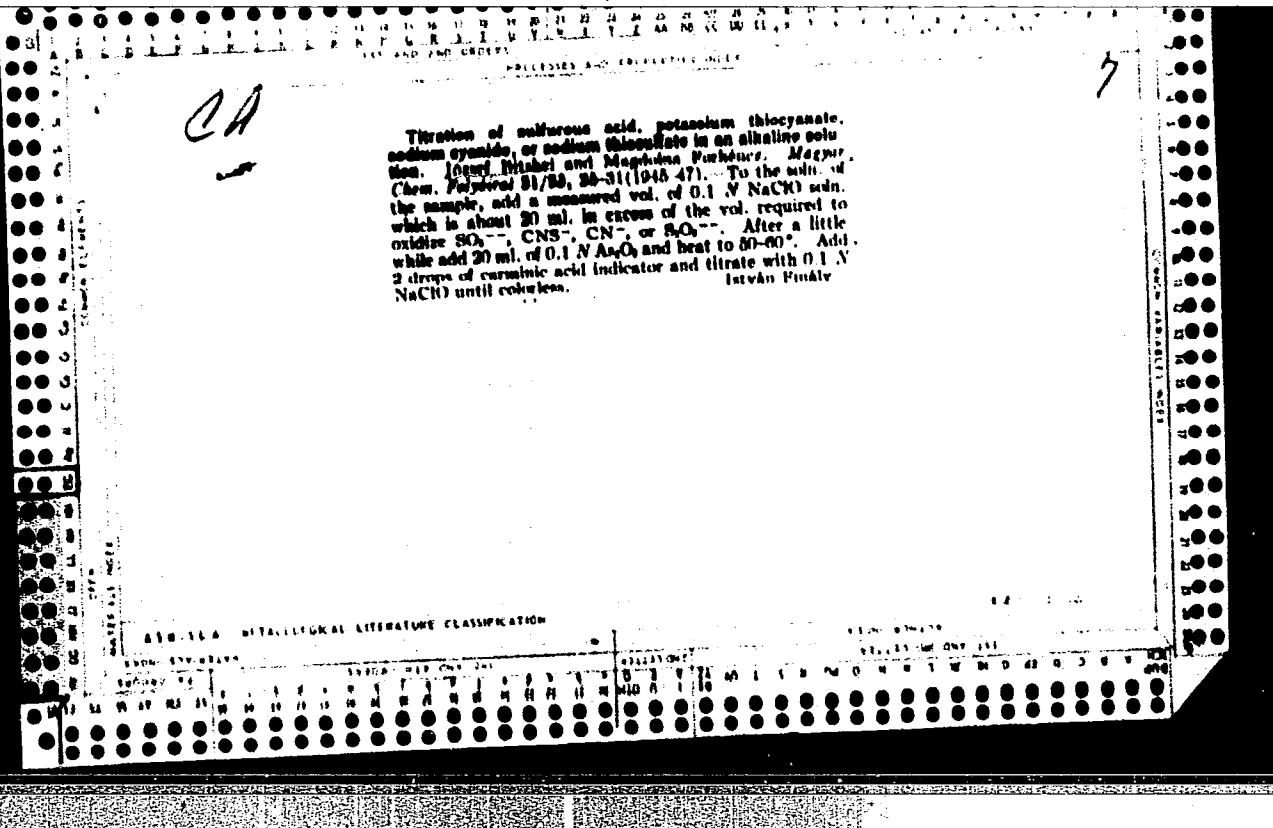
1.Kafedra obshchey khimii Moskovskogo gosudarstvennogo universiteta.  
(Nickel ferrates) (Zinc ferrates)











*G*

137 AND 2ND COVER  
PROCESSES AND PROPERTIES INDEX

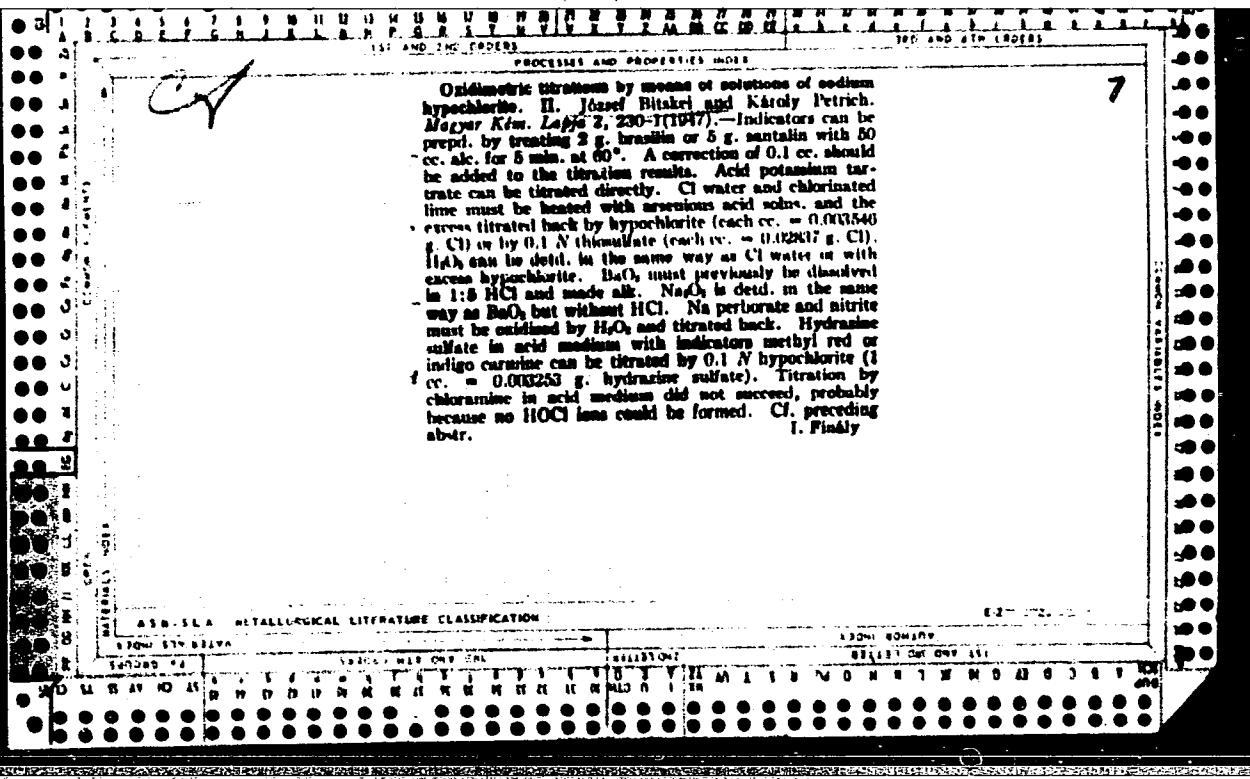
7

Oxidimetric titrations by means of sodium hypochlorite solutions. I. Józef Bitakri and Magdalena Fortéhová Major Krm. Záj. 2, 117-119 (1947).—Dried powder of cochlearia is easily converted to a suitable indicator as follows: 0.3 g. of the powder is boiled in 10 cc. dilut. H<sub>2</sub>O for 3-4 min., filtered into a 25.0-cc. dropping bottle, diluted to vol., and 1-2 drops used as indicator in the oxidimetric titration of H<sub>2</sub>AsO<sub>4</sub>, KCNS, NaCN, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, Na<sub>2</sub>S, and Na polyoxotitanate in alk. medium with 0.1 N NaOH. Na hypochlorite at 80-90° (decoloration is very slow at room temp.). István Finlay

ANNUAL METALLURGICAL LITERATURE CLASSIFICATION

EDITION 2, 1962

SUBJECT	CLASSIFICATION	
	1	2
IRON & STEEL	M	N
METALS & ALLOYS	A	B
NON-METALS	C	D
MINING & METALLURGY	E	F
INDUSTRIAL CHEMISTRY	G	H
INDUSTRIAL ENGINEERING	I	J
INDUSTRIAL HYGIENE	K	L
INDUSTRIAL SAFETY	M	N
INDUSTRIAL TOOLS	O	P
INDUSTRIAL EQUIPMENT	Q	R
INDUSTRIAL POWER	S	T
INDUSTRIAL AIR CONDITIONING	U	V
INDUSTRIAL PLANT DESIGN	W	X
INDUSTRIAL CONSTRUCTION	Y	Z



RITSKEI, J.

RITSKEI, J. Use of an 0, 1 N NaOCl and Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> solution in an alkaline medium for oxidimetry. I. p. 406.

Vol. 61, No. 12, Dec. 1955  
MACYAR KEMIAI POLYOIRAT  
SCIENCE  
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

BITSKEI, J.

Oxidation titrations in an alkaline medium. p. 287.

MAGYAR TUDOMANYOS AKADEMIA vol. 7, no. 3/4, 1955

Budapest, Hungary

so. EAST EUROPEAN ACCESSIONS LIST VOL. 5, no. 7, July 1956

It was vigorously shaken to expel the oxygen evolved and subsequently a 0.1-N solution of arsenous oxide was introduced in an amount equivalent to the hyposulfite previously added.

"APPROVED FOR RELEASE: 06/08/2000

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APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7"

Determination of copper by colorimetry. József Ritschi, II  
(Univ. Tech. Sci., Budapest). *Magyar Kém. Folyóirat*, Cl.  
23-6(1955).<sup>2</sup> An earlier method of B. (C.A. 29, 7216<sup>a</sup>)  
was modified. The method serves for an approx. estn.  
The other, more accurate, consists in treating the Cu(II)  
salt with 10 ml. 20% soln. of bismuthate salt, 6 ml. 20%  
KSCN soln., and 40 ml. 0.1*N* Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> added at once, al-  
lowed to stand for 5 min., diluted with dextl. water to 80-100  
ml., 2-3 ml. starch soln., and 2 ml. of 2% succinic acid soln.  
added, and titrated with a 0.1*N* I.  
Uttván. Finally.

BITSKEI, JOZSEF

Hungary/Analytical Chemistry - Analysis of Organic Substances, G-3

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61899

Author: Bitskei, Jozsef

Institution: None

Title: Determination of Urea by Oxidative Titration

Original

Periodical: A karbamid gyors meghatarozasa oxidacios titralassal, Magyar kem. folyoirat, 1956, 62, No 2, 71-72; Hungarian; German resumé

Abstract: In presence of Br<sup>-</sup>, in weakly alkaline solution CO(NH<sub>2</sub>)<sub>2</sub> is oxidized by NaClO at a sufficiently rapid rate; oxidation of Br<sup>-</sup>, causing expenditure of additional amount of NaClO occurs much slower. A rapid method has been worked out for determining CO(NH<sub>2</sub>)<sub>2</sub> which is based on the reactions: 3ClO<sup>-</sup> + 3Br<sup>-</sup> = 3BrO<sup>-</sup> + 3Cl<sup>-</sup>; 3BrO<sup>-</sup> + CO(NH<sub>2</sub>)<sub>2</sub> = 3Br<sup>-</sup> + 2H<sub>2</sub>O + CO<sub>2</sub> + N<sub>2</sub>; 3ClO<sup>-</sup> + CO(NH<sub>2</sub>)<sub>2</sub> = 3Cl<sup>-</sup> + 2H<sub>2</sub>O + CO<sub>2</sub> + N<sub>2</sub>. To a solution of CO(NH<sub>2</sub>)<sub>2</sub> are added 2.5-3 g H<sub>3</sub>BO<sub>3</sub> and 0.1-0.2 g KBr, heated to 50-60° and without cooling added excess 0.1 N solution NaClO. After holding for 2 minutes on water bath added ~10 ml 30%

Card 1/2

Hungary/Analytical Chemistry - Analysis of Organic Substances, G-3

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61899

**Abstract:** solution NaOH and an amount of 0.1 N solution of  $\text{Na}_2\text{S}_2\text{O}_3$  equivalent to the amount of added  $\text{NaClO}$  solution. Cooled, added 1 drop 1% alcoholic solution of brazilin and 1 drop 5% solution KJ and titrate slowly with 0.1 N solution  $\text{NaClO}$  until color of solution changes from red to green. Error of determination 1-2%.

Card 2/2

BITSKEI, JÓZSEF

Hungary/Analytical Chemistry. General Topics.

G-1

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19464.

Author : József Bitskei, Péter Möritz.

Inst :

Title : Brasolin as Acid-Basic Indicator.

Orig Pub : Magyar Kem. Folyóirat, 1956, 62, No 7, 250-251.

Abstract : Brasolin was studied as an acid-basic indicator. Previously it had been used only as a red.-ox. indicator in alkaline medium. The indicator properties of the 1% solution of the substance in alcohol are preserved a long time when it is stored. The change of color from greenish-yellow to dark-violet occurs in the interval of pH 5.85 - 7.73. Not brightly expressed additional color changes take place during the titration process at various pH. The indicator is also applicable to the determination of pH of solutions. In order to confirm the applicability of the indicator, titration of some strong acids and a strong base was carried out with brasolin, as well as with methyl orange.

Card 1/1

-3-

BITSKER, J.

✓ 2727. Rapid method for determination of iodide  
in the presence of chloride and bromide. I. Bitsker  
(Inorg. Chem. Inst. Tech. Univ., Budapest) *J. Anal. Chem.*, 1959, 150 (4), 267-271. — Iodide is

determined in alkaline solution (pH 10 to 11) at 50° to 60° C by oxidation with an excess of  $\text{OCl}^-$  to  $\text{IO}_3^-$ ; the  $\text{IO}_3^-$  are treated with  $\text{Na}_2\text{S}_2\text{O}_3$  (equiv. to the  $\text{OCl}^-$ ) and the excess of  $\text{Na}_2\text{S}_2\text{O}_3$  is titrated with  $\text{NaOCl}$  (brasolin indicator). The oxidation is catalysed by  $\text{Br}^-$ . Thus 15 to 50 mg of KI are determined with an accuracy within  $\pm 0.1$  mg.  
*Procedure*.— Add to the I<sup>-</sup> soln. (10 to 40 mg of I<sup>-</sup>), KBr (0.2 g),  $\text{KHCO}_3$  (2.3 g) and  $\text{H}_2\text{O}$  (5 to 10 ml), and warm to between 50° and 60° C. Add from a burette an excess of 0.1 N NaOCl, set aside the warm soln. for 1 to 1.5 min. (not longer), then add 3 per cent. NaOH (10 ml) and 0.1 N  $\text{Na}_2\text{S}_2\text{O}_3$  (exactly equiv. to the NaOCl). Add 1 per cent. alcoholic brasolin (1 drop) and 5 per cent. KI (1 drop) and titrate slowly with 0.1 N NaOCl to a yellowish-green end-point.

J. P. STERN

BITSKEI, JOZSEF

Hungary/Analytical Chemistry. General Topics.

G-1

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19516.

Author : József Bitskei.

Inst :

Title : Titration with Oxygen in Alkaline Medium.

Orig Pub : Budapest, Akad. Kiadó, 1956, 287-298 I.

Abstract : No abstract.

Card 1/1

-28-

"APPROVED FOR RELEASE: 06/08/2000

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DOC 1

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HORNIG, A., Moritz, P.

Brazilin as an acid-base indicator. In German. p. 359.  
(ACTA CHIMICA. Vol. 11, no. 3/4, 1957. Hungary)

UESR / Soil Science. Cultivation. Improvement. Erosion.

J-4

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72749

Author : Bitskinashvili, E. Z.

Inst : Georgian Scientific-Research Institute of Hydroengineering  
and Amelioration

Title : Sprinkling Machines and Constructions for Watering Tea  
and Citrus Plantations in Georgia

Orig Pub : Tr. Gruz. n.-i. in-ta gidrotekhn. i melior., 1957, vyp. 18-  
19, 118-137

Abstract : No abstract given

Card 1/1

40

BITSKINASHVILI, E.Z., Cand Tech Sci--(diss) "Sprinkling machines and devices for the irrigation of tea and citrus plantations under ~~the~~ conditions of Georgia." Tbilisi, 1958. 27 pp with illus. (Min of Agr USSR. Georgian Order of Labor Red Banner Agr Inst), 100 copies (KL,30-58, 126)

-65-

3(7)

SOV/50-59-5-10/22

AUTHORS:

Lominadze, V. P. Director of the Institute; Bartishvili, I. T., Secretary of the Party Office; Bitskinashvili, E. Z., Chairman of the MK; Matveyev, V. M., Chief of the Airport; Omadze, G. Ya., Deputy Chief of the Political Department; Kolesnikov, M. E., Secretary of the Party Office; Tupalov, D. T., Chairman of the MK; Tskhvitava, K. V., Chief of the AMSG; Petrov, V. S., Commander of the Aircraft TU-104

TITLE:

A Useful Enterprise (Poleznoye nachinaniye)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 5, pp 44 - 45 (USSR)

ABSTRACT:

The Collective of the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (Tbilisi Hydrometeorological Scientific Research Institute) established a collaboration with the workers of the airport. An appeal to the workers of the AMSG (Air Weather Station of the Civil Air Fleet) and the flying and ground personnel of the airport, as well as the obligations of the personnel of Tbilisi Airport and of the workers of the AMSG, are published here. The appeal requests to give lectures and reports on physical conditions of the atmosphere. The atmospheric processes most influencing aviation are to be explained. A

Card 1/2

A Useful Enterprise

SOV/50-59-5-10/22

scientific discussion and analysis of complicated meteorological conditions in aviation are to be organized. Systematic reports on the latest achievements inland and abroad are to be delivered. The members of the personnel taking part in correspondence lessons of universities are to receive help and advice in physics, mathematics, aerodynamics and meteorology. The personnel of Tbilisi Airport and the workers of the AMSG agree: 1) To carry out careful meteorological observations throughout every flight, and communicate them in due time to the AMSG. 2) The workers of the AMSG agree to collect systematically the material of meteorological observations, and to inform the TbilNIGMI in due time. 3) The airplane crews agree to support as much as possible the scientific co-workers during the flight. 4) The airplane crews agree to discuss any complicated case of meteorological conditions arising during the flight, in the presence of the co-workers of the TbilNIGMI. 5) The workers of the airport are to deliver lectures on jet and piston-engine propelled aircraft for the co-workers of the TbilNIGMI.

Card 2/2

BITSKINASHVILI, E.Z.

Occurrence of snow avalanches in the mountains of Transcaucasia.  
Trudy Tbil.NIGMI no.9:106-108 '61. (MIRA 15:3)

1. Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy  
institut.  
(Transcaucasia--Avalanches)

*BITSKINASHVILI, Z.S.*  
BITSKINASHVILI, Z.S.

Generalizing the techniques of construction of lightened bituminous pavements. Trudy GPI no.6:132-141 '56.  
(Pavements, Bituminous) (MIRA 11:2)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7

BITSKINASHVILI, Z.S., kand.tekhn.nauk

Durability of asphalt concrete pavements in the Georgian S.S.R.  
Trudy MADI no.23:200-205 '58. (MIRA 12:1)  
(Georgia--Pavements, Concrete)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7"

BITsKINASHVILI, Z. S. Dr. Tech Sci --- (diss) "Efficiency of Block  
Road Surfaces in the Georgian SSR and Means of Increasing It," Tbilisi,  
1960, 44 pp, 150 copies (Moscow Automobile and Road Institute. Georgian  
Polytechnical Institute im V. I. Stalin) (KL, 47/60, 100)

BITSKINASHVILI, Z.S.

Characteristics of black pavement construction under various  
climatic conditions in the Georgian S.S.R. Avt.dor. 26 no.10:  
13 0 '63. (MIRA 16:11)

BITSKINASHVILI, Z.S.

Determining the prospective traffic intensity on the base of  
the materials of direct surveys on the automobile roads of the  
Georgian S.S.R. Trudy GPI [Gruz.] no.7:13-16 '63.

Characteristics of the technology of the construction of black  
top roads under various climatic conditions of the Georgian S.S.R.  
Ibid.:17-22 (MIRA 18:6)

BITSKINASHVILI, Zakhariy Solomonovich; BISEYSVILI, Melentiy  
Ivanovich

[Highway construction] [Stroitel'stvo avtomobil'nykh  
dorog. Tbilisi, Ganatleba] 1965. 178 p. [In Georgian]  
(MIRA 18:7)

Y  
BITSKI

O rabote nochnoi trassy Moskva-Khar'kov. On the operation of the Moscow-Khar'kov night route. (Grazhdanskaia aviatsiia, 1935, no. 4, p. 43-44).

DLC: TL504.G7

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified

Y  
BITSKII, B. and DAVYDOV, F.

Eksplotatsiia Leningradskoi linii. [Exploitation of the Leningrad air line.  
(Grazhdanskaia aviatsiia, 1935, no. 9, p. 6-11).

DLC: TL524.G7

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

BITSKIY, B. V.

Samoletovozhdenie po radiomaiaku. [Air navigation by radio-range beacon].  
(Grazhdanskata aviaciatsita, 1937, no. 4-5, p. 5-12). DLC: TL 504.67

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

MITSKII, B. V. and IVANOV, N. A.

Samoletovozhdenie po radiopolikoiapasu. [Air navigation by radio compass].  
(Grazhdanskaia aviacii, 1937, no, 10, 2C-32, illus.). M.C: TK504,G7

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

BITSKIY, B. V.

BITSKIY, B. V.

Kak naiti aerodrom v slepom polete. (Grazhdanskaia aviatsiia, 1939,  
no. 7, p. 7-10)

Title tr.: How to find an airport in blind flying.

TL504.G7 1939

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7

BITSKO, A. I.

Dissertation: "An Investigation of the Method of Preparing the Principal Levels of Thick Beds in the Krivoy Rog Basin." Cand Tech Sci, Moscow Mining Inst imeni I. V. Stalin, 29 Jun 54. (Vechernyaya Moskva, Moscow, 18 Jun 54)

SO: SUM 318, 23 Dec 1954

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410020-7"

BITSKO, A.I., kandidat tekhnicheskikh nauk.

Basis for selecting an efficient development method for iron ore  
deposits. Nauch. trudy NII no.16:167-182 '55 [cover '56].  
(Iron mines and mining) (MLRA 10:4)

BITSKO, A.I., kandidat tekhnicheskikh nauk.

Main achievements and trends in mining Krivoy Rog deposits. Gor.  
shur. no. 7:33-37 Jl '57. (MIRA 10:8)  
(Krivoy Rog--Iron mines and mining)

BITSKO, Yu.M.

Congenital shortening of the quadriceps femoris muscle. Ortrop.  
travm.i protes 21 no.4:79 Ap '60. (MIRA 13:9)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent A.V. Fedinets)  
Uzhgorodskogo universiteta.  
(ABNORMALITIES AND DEFORMITIES)

BITSKO, Yu.M. (Uzhgorod, ul. Pobedy, d.25)

Lateral invagination of the cecum and the mechanism of its appearance.  
Nov. khir. arkh. no. 3:51-56 My-Je '60. (MIRA 15:2)

1. Kafedra khirurgii (zav. - dotsent A;V.Fedinets) Uzhgorodskogo  
universiteta.  
(CECUM...INTUSSUSCEPTION)

BITSKO, Yu.M., starshiy prepodavatel' (Uzhgorod, ul. Pobedy, d. 25)

Lateral invagination of the cecum. Vest. khir. 91 no.8:51-55  
Ag'63 (MIRA 17:3)

1. Iz kafedry khirurgii (zav. - dotsent A.V. Fedinets) Uzhgorodskogo universiteta.

BITSOYVA, V.M.

Result of tissue therapy of diseases of the nervous system. Zh.  
nevropat. psichiat., Moskva 53 no.10:810-812 Oct 1953. (CIML 25:4)

1. Clinic for Nervous Diseases of North Ossetian Medical Institute.

BITSUTA, V.K.

Dynamic relationship between roller bit teeth and rocks. Izv.  
vys.ucheb.zav.; neft' i gaz 2 no.9:31-35 '59.  
(NIRA 13:2)

1. Grozneneskiy neftyanyy institut.  
(Boring)

BITSUTA, V.K.

Some regularities in the penetration of prismatic teeth into a  
plastic body. Izv.vys.ucheb.zav.; neft' i gaz 4 no.7:29-33  
'61. (MIRA 14:10)

1. Groznyanskij neftyanoj institut.  
(Oil well drilling)

BITSUTA, V.K.

Interaction of the teeth of the rime of roller bits with  
rocks. Izv. vys. ucheb. zav.; neft' i gaz 5 no.1:29-34  
'62. (MIRA 16:11)

1. Groznenskiy neftyanyi institut.

BITSUTA, V.K.; KOLESNIKOV, N.A.

Dynamic interaction of the teeth of a bit with the rock. Izv. vys.  
ucheb. zav.; neft' i gaz 7 no.2:17-23 '64. (MRA 17:10)

1. Groznyenskiy neftyanoy institut.

KOLESNIKOV, N.A.; BITSUTA, V.K.; FEDOROV, V.S.

Determining maximum dynamic load on a bit. Izv. vys. ucheb.  
zav.; neft' i gaz 7 no.10:28-32 '64. (MIRA 18:2)

1. Groznenskiy neftyanoy institut.

BITSYURA, Leonid Tarasovich; SICHEVSKIY, Y. [Sychevs'kyi, I.], red.;  
NEDOVIZ, S., tekhn.red.

[Golden virgin land] Zolota tsilyna. L'viv, Knyzhkovo-  
zhurnal'ne vyd-vo, 1959. 14 p. (MIRA 12:12)

1. Golova kolgospu im. Karla Marksa, Skalats'kogo rayonu, Terno-  
pil's'koy oblasti (for Bitsyura).  
(Corn (Maize))

KLIMKOV, I.I.; BITSYURENKO, G.A., redaktor; BOBROVA, Ye.N., tekhnicheskiy  
redaktor.

[The rural public health agent in the campaign to achieve cleanliness and sanitation] Obshchestvennyi sanitarnyi upolnomochennyi na  
sele v bor'be za chistotu i sanitarnuiu kul'turu. Moskva, Gos.  
izd-vo meditsinskoi lit-ry. 1954. 13 p. (MLRA 8:2)  
(Public health, Rural)

RAYEVA, S.N.; BITSYURENKO, G.A., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy  
redaktor

[Great treasure house of science; teaching of I.P.Pavlov on higher  
nervous activity] Velikaia sekrovishchitsa nauki; uchenie I.P.  
Pavlova o vysshei nervnoi deiatel'nosti. Moskva, Gos. izd-vo med.  
lit-ry, 1954. 86 p. (MIRA 7:9)  
(Pavlov, Ivan Petrovich, 1849-1936)  
(Nervous system)

NIKOL'SKIY, Anatoliy Leonidovich; BITSYURENKO, G.A., redaktor; GLUKHOVSKOVA,  
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